

IN THE CLAIMS:

Please amend Claims 4, 5, 7, 9, 12, 13, 14, 16, 19, 20, 21, 23, 26-28 and 30 as follows.

1. (Original) An image forming apparatus having a first image formation mode for forming an image on an image bearing member by using developer under a first predetermined image forming condition and a second image formation mode for forming an image on an image bearing member by using developer under a second image forming condition which is different from the first predetermined image forming condition and is set so that an amount of consumption of developer with respect to an identical image in the second image formation mode is smaller than that in the first image formation mode, the apparatus comprising:

storing means for storing information on an amount of usage of the image bearing member, and

control means for changing the second image forming condition in the second image formation mode depending on the information stored in said storing means.

2. (Original) An apparatus according to Claim 1, wherein said image forming apparatus further comprises discrimination means for discriminating an image to be formed, said discrimination means changes the second image forming condition depending on the information on an amount of usage of the image bearing member stored in said storing means, and a result of discrimination by said discrimination means.

3. (Original) An apparatus according to Claim 2, wherein said discrimination means is means for discriminating a size of a concentrated pixel area and changes the second image forming condition depending on whether the concentrated pixel area is larger or smaller than a predetermined size.

4. (Currently Amended) An apparatus according to ~~any one of Claims 1-3~~ Claim 1, wherein the information on an amount of usage of the image bearing member is predetermined threshold information, and said control means changes the second image forming condition when an amount of usage of the image bearing member reaches a predetermined threshold information.

5. (Currently Amended) An apparatus according to ~~any one of Claims 1-4~~ Claim 1, wherein said image forming apparatus further comprises exposure means for exposing the image bearing member under an exposure operation condition on the basis of image information.

6. (Original) An apparatus according to Claim 5, wherein the exposure operation condition is an exposure time or luminous energy of said exposure means.

7. (Currently Amended) An apparatus according to ~~any one of Claims 1-4~~ Claim 1, wherein said apparatus includes a charging member for electrically charging the image bearing member and a developing member for supplying the developer to the image

bearing member, and the image forming condition comprises a charging condition of the charging member and a developing condition of the developing member.

8. (Original) An apparatus according to Claim 7, wherein the charging condition is a bias voltage applied to the charging member and the developing condition is a bias voltage applied to the developing member.

9. (Currently Amended) An apparatus according to ~~any one of Claims 1-8~~ Claim 1, wherein the image bearing member and said storing means are integrally supported to form a cartridge which is detachably mountable to the image forming apparatus.

10. (Original) An apparatus according to Claim 9, wherein the cartridge further comprises the charging member or the developing member.

11. (Original) A cartridge for being detachably mountable to an image forming apparatus having a first image formation mode for forming an image on an image bearing member by using developer under a first predetermined image forming condition and a second image formation mode for forming an image on an image bearing member by using developer under a second image forming condition which is different from the first predetermined image forming condition and is set so that an amount of consumption of developer with respect to an identical image in the second image formation mode is smaller than that in the first image formation mode, said cartridge comprising:

the image bearing member, and

storing means for storing information on the cartridge, said storing means having a first storing area for storing information on an amount of usage of the image bearing member for changing the second image forming condition.

12. (Currently Amended) A cartridge according to ~~any one of~~ Claim 11, wherein said storing means further has a second storing area for storing the amount of usage of the image bearing member.

13. (Currently Amended) A cartridge according to Claim 11 ~~or 12~~, wherein the information on the amount of usage of the image bearing member is predetermined threshold information.

14. (Currently Amended) A cartridge according to ~~any one of Claims 11 - 13~~ Claim 11, wherein said image forming apparatus further comprises exposure means for exposing the image bearing member and the second image forming condition is an exposure operation condition of said exposure means.

15. (Original) A cartridge according to Claim 14, wherein the exposure operation condition is an exposure time or luminous energy of said exposure means.

16. (Currently Amended) An apparatus according to ~~any one of Claims 11-13~~  
Claim 11, wherein said apparatus includes a charging member for electrically charging the image bearing member and a developing member for supplying the developer to the image bearing member, and the image forming condition comprises a charging condition of the charging member and a developing condition of the developing member.

17. (Original) An apparatus according to Claim 16, wherein the charging condition is a bias voltage applied to the charging member and the developing condition is a bias voltage applied to the developing member.

18. (Original) A storing device to be mounted to a cartridge for being detachably mountable to an image forming apparatus including an image bearing member and having a first image formation mode for forming an image on an image bearing member by using developer under a first predetermined image forming condition and a second image formation mode for forming an image on an image bearing member by using developer under a second image forming condition which is different from the first predetermined image forming condition and is set so that an amount of consumption of developer with respect to an identical image in the second image formation mode is smaller than that in the first image formation mode, said storing device having:

a first storing area for storing information on an amount of usage of the image bearing member for changing the second image forming condition.

19. (Currently Amended) A device according to ~~any one of~~ Claim 19, wherein said storing device further has a second storing area for storing an amount of usage of the image bearing member.

20. (Currently Amended) A device according to Claim 18 ~~or 19~~, wherein the information on the amount of usage of the image bearing member is predetermined threshold information.

21. (Currently Amended) A device according to ~~any one of Claims 18 - 20~~ Claim 18, wherein said image forming apparatus further comprises an exposure device for exposing the image bearing member and the information with respect to the second image forming condition is information on an exposure operation condition of said exposure device.

22. (Original) A device according to Claim 21, wherein the information on the exposure operation condition is an exposure time or luminous energy of said exposure device.

23. (Currently Amended) An apparatus according to ~~any one of Claims 18 - 20~~ Claim 18, wherein said apparatus includes a charging member for electrically charging the image bearing member and a developing member for supplying the developer to the image

bearing member, and the image forming condition comprises a charging condition of the charging member and a developing condition of the developing member.

24. (Original) An apparatus according to Claim 23, wherein the charging condition is a bias voltage applied to the charging member and the developing condition is a bias voltage applied to the developing member.

25. (Original) A storing device to be mounted to a cartridge for being detachably mountable to an image forming apparatus including an image bearing member and having a first image formation mode for forming an image on an image bearing member by using developer under a first predetermined image forming condition and a second image formation mode for forming an image on an image bearing member by using developer under a second image forming condition which is different from the first predetermined image forming condition and are set so that an amount of consumption of developer with respect to an identical image in the second image formation mode is smaller than that in the first image formation mode, said storing device having:

a first storing area for storing information on an amount of usage of the image bearing member for changing the second image forming condition,

wherein the information for changing the second image forming condition is information which is used in the second image formation mode but is not used in the first image formation mode.

26. (Currently Amended) A device according to ~~any one of Claim 26~~ Claim 25, wherein said storing device further has a second storing area for storing the amount of usage of the image bearing member.

27. (Currently Amended) A device according to Claim 25 ~~or 26~~, wherein the information on an amount of usage of the image bearing member is predetermined threshold information.

28. (Currently Amended) A device according to Claim 26 ~~or 27~~, wherein said image forming apparatus further comprises an exposure device for exposing the image bearing member and the information with respect to the second image forming condition is information on an exposure operation condition of said exposure device.

29. (Original) A device according to Claim 28, wherein the information on the exposure operation condition is an exposure time or luminous energy of said exposure device.

30. (Currently Amended) An apparatus according to ~~any one of Claims 25-27~~ Claim 25, wherein said apparatus includes a charging member for electrically charging the image bearing member and a developing member for supplying the developer to the image bearing member, and the image forming condition comprises a charging condition of the charging member and a developing condition of the developing member.



31. (Original) An apparatus according to Claim 30, wherein the charging condition is a bias voltage applied to the charging member and the developing condition is a bias voltage applied to the developing member.